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NEBRASKA WEATHER & CROPS



For Week Ending June 20, 1993

Issue: 16-93

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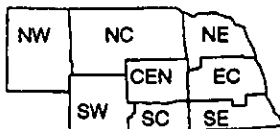
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Nebraska Department of Agriculture
Division of Agr'l. Statistics
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WEATHER

Temperatures for the week averaged from one to six degrees below normals. Precipitation occurred the latter half of the week with amounts varying from .30 inch in the northwest up to 2.70 inches in the southwest.

GENERAL

Crop development and spring planting activities were again slowed last week, according to the Nebraska Agricultural Statistics Service. Severe weather also caused some hail damage to crops in the Panhandle and points east. Damage ranged from light damage to destroyed crop acres. Rainfall in eastern Nebraska caused some erosion and delayed fieldwork. Some corn was showing yellow from limited sunlight and abundant soil moisture. Warmer, sunny days are needed for proper plant growth and development.

CROPS

Winter wheat condition was rated at 2% poor, 20% fair, 69% good, and 9% excellent. Heading was virtually complete across the State as of Sunday. The crop was turning color a little over a week behind normal. About 27% was colored by week's end. Sunny, warmer days continue to be needed. Various diseases, including tan spot and rust, were reported more frequently last week. Harvesting equipment preparations were beginning in several areas.

Corn condition was rated at 15% fair, 82% good, and 3% excellent. Cultivation and chemical weed control

CROPS (Cont.)

continued where surface conditions permitted. Some acres in storm-damaged areas may have to be replanted.

Soybean condition was rated at 20% fair, 79% good, and 1% excellent. Planting activities made good progress with 95% seeded to date. This compares with 100% last year and 99% for the five-year average.

Sorghum condition was rated at 5% poor, 19% fair and 76% good. Planting progress also moved along well despite less than favorable conditions. By the end of the week, 95% had been planted. This compares with 99% completed for last year and the average.

Dry bean planting was 91% completed as of Sunday with 63% emerged. Last year at this time, 99% had been planted. The week's storm damage to this crop has yet to be evaluated; however, some replanting may be necessary.

Alfalfa condition was rated at 2% poor, 3% fair, 73% good, and 22% excellent. Harvest of the first cutting was 80% complete by week's end. This was not far behind normal although some of the cut hay was not baled before it had been rained on at least once. Wild hay condition was rated at 8% fair, 47% good, and 45% excellent.

LIVESTOCK

Pasture and range condition was rated at 104% of normal and compares with 86% of normal last year at this time. Pastures are providing excellent grazing for cattle in most areas.

FIELD WORK PROGRESS AS OF JUNE 20, 1993	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% wheat headed	100	100	100	100	97	100	100	100	100	96	100	100
% wheat turning	5	12	27	6	13	51	36	34	27	3	62	62
% sorghum planted	100	100	94	94	93	100	100	95	95	84	99	99
% sorghum emerged	93	95	72	79	77	79	92	84	83	57	99	95
% soybeans planted	0	100	95	99	94	94	100	96	95	90	100	99
% soybeans emerged	0	93	81	88	80	81	91	89	83	62	100	96
% dry beans planted	93	100	94	0	0	90	100	0	91	63	99	n/a
% dry beans emerged	71	95	13	0	0	45	96	0	63	22	58	n/a
% alfalfa first cutting	57	81	72	90	83	96	95	94	80	58	92	87
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 18, 1993												
Days suitable	4.7	5.0	3.6	3.9	3.0	6.0	4.6	4.1	4.1	5.1	3.6	
Topsoil moisture - Short	0	0	0	0	0	57	8	0	4	3	6	
(Percent) - Adequate	69	90	57	37	32	43	84	80	61	84	87	
- Surplus	31	10	43	63	68	0	8	20	35	13	7	
Subsoil moisture - Short	0	10	0	0	0	29	0	0	3	0	21	
(Percent) - Adequate	85	90	76	100	45	71	92	70	74	78	78	
- Surplus	15	0	24	0	55	0	8	30	23	22	1	

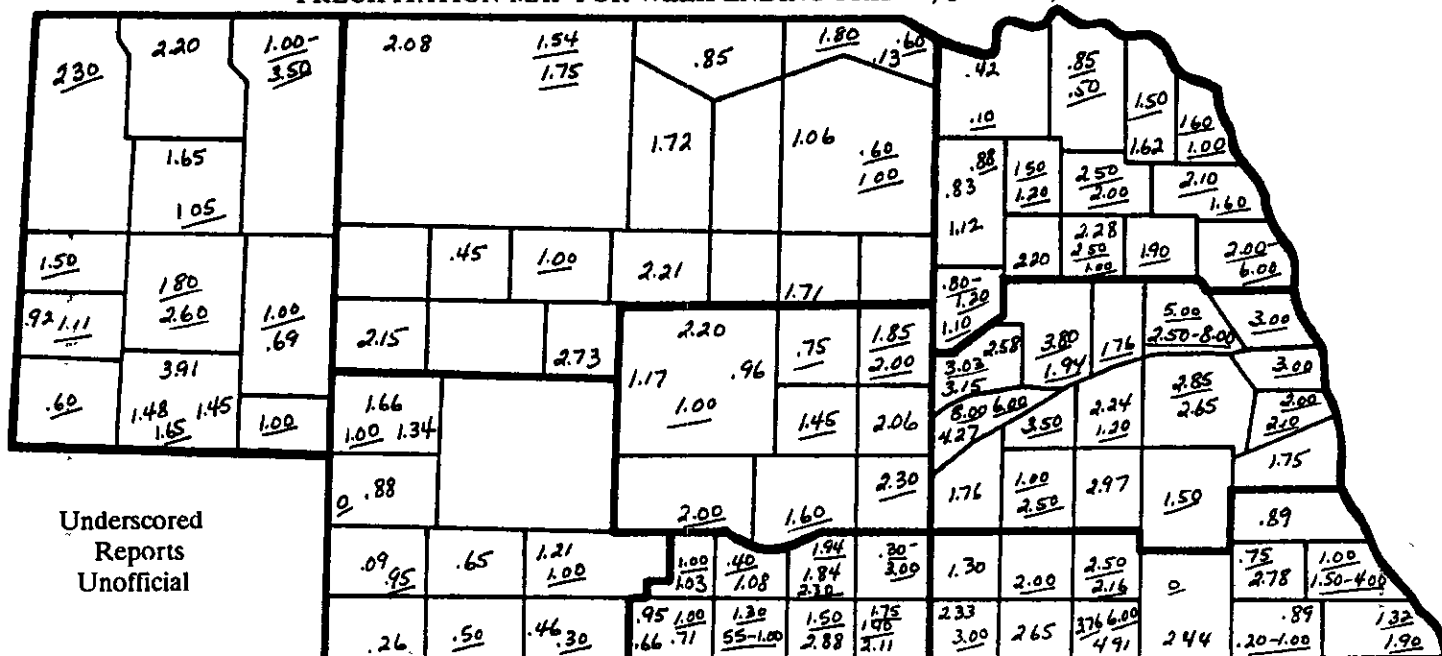
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PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 18, 1993



PRECIPITATION, APRIL 1 - JUNE 18, 1993

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	1.76	1.51	1.41	1.60	2.67	.82	1.41	2.27
Total since April 1	7.09	8.93	10.67	9.49	12.12	6.83	6.94	10.79
Normal since April 1	6.63	7.68	8.85	8.33	9.36	6.95	8.17	9.35

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, JUNE 20, 1993

Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	---	---	---	---	---	---	---	---
	Scottsbluff	93	42	63	-6	.32	635	725	730
	Sidney	94	43	63	---	.75	572	663	734
NC	Valentine	90	42	63	-6	1.98	615	707	725
NE	Norfolk	93	52	69	-2	1.00	---	---	---
	Sioux City	93	48	69	-2	.48	---	---	---
	Concord	---	---	---	---	---	590	705	882
	Elgin	---	---	---	---	---	561	678	837
	West Point*	---	---	---	---	---	627	760	909
CEN	Grand Island	95	52	69	-3	.51	657	787	873
	Ord	94	49	68	---	.42	594	712	883
EC	Lincoln	92	50	71	-2	1.17	685	823	928
	Omaha	93	57	72	-1	2.03	687	827	873
	Columbus	---	---	---	---	---	718	842	902
	York	---	---	---	---	---	648	789	949
SW	Imperial	92	49	67	---	1.00	---	---	---
	North Platte	88	44	66	-2	2.70	**625	**741	**831
SC	Holdrege	---	---	---	---	---	660	780	934
SE	Beatrice	---	---	---	---	---	690	841	1029
	Clay Center	---	---	---	---	---	638	778	958

1/ Precipitation totals not included in map above. * Automated weather station. ** North Platte Experiment Station.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.